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\*\*REGISTERED PATENT AGENTS

WRITER'S DIRECT NUMBER:

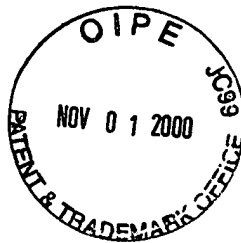
(202) 371-2637

INTERNET ADDRESS:

KARENM@SKGF.COM

November 1, 2000

Commissioner for Patents  
Washington, D.C. 20231



Re: U.S. Utility Patent Application  
Appl. No. 09/653,277; Filed: August 31, 2000  
For: **Cell-Specific and/or Tumor Specific Promoter Retargeting of Herpes  
Gamma 34.5 Gene Expression**  
Inventors: Chiocca and Chung  
Our Ref: 0609.4880002/JAG/KRM

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement (*in duplicate*);
2. List of documents cited on Form PTO-1449 (38 sheets);
3. Copies of the documents listed on Form PTO-1449 (121 documents); and
4. One (1) return postcard.

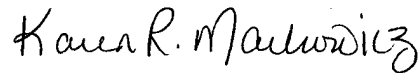
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
November 1, 2000  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Karen R. Markowicz  
Agent for Applicants  
Registration No. 36,351

JAG/KRM/awt  
Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of:

Chiocca and Chung

Appl. No. 09/653,277

Filed: August 31, 2000

For: **Cell-Specific and/or Tumor-Specific Promoter Retargeting of Herpes Gamma 34.5 Gene Expression**



Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket: 0609.4880002/JAG/KRM

H-3

3-12-01  
PZ

**Information Disclosure Statement**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each of these documents is provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not

exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that was cited or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

Regarding Document AT7, an internet version of this publication was apparently released a short time prior to September 1999.

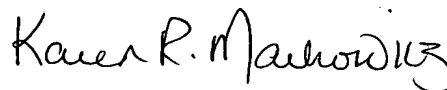
This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Karen R. Markowicz  
Agent for Applicants  
Registration No. 36,351

Date: 11/1/00

1100 New York Avenue, N.W.  
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#3

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 0609.4880002		APPLICATION NO. 09/653,277	
				APPLICANT Chiocca and Chung		RECEIVED NOV 01 2000 PATENT & TRADEMARK OFFICE	
				FILING DATE August 31, 2000			

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	5,288,641	02/22/1994	Roizman	435	320.1	07/30/1992
	AB1	5,585,096	12/17/1996	Martuza <i>et al.</i>	42	93.2	06/23/1994
	AC1	5,688,773	11/18/1997	Chiocca <i>et al.</i>	514		10/28/1994
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	WO 96/00007	01/04/1996	WIPO			Yes No
	AM1	WO 96/03997	02/15/1996	WIPO			Yes No
	AN1	WO 97/04804	02/13/1997	WIPO			Yes No
	AO1	WO 98/42195	10/01/1998	WIPO			Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	1	Abe, M. and Kufe, D., "Characterization of Cis-Acting Elements Regulating Transcription of the Human DF3 Breast Carcinoma-Associated Antigen (MUC1) Gene," <i>Proc. Natl. Acad. Sci. USA</i> 90:282-286 (1993).
	AS	1	Albarracin, C.T., <i>et al.</i> , "The Gonadotropin-Releasing Hormone Receptor Gene Promoter Directs Pituitary-Specific Oncogene Expression in Transgenic Mice," <i>Endocrinology</i> 140:2415-2421 (May 1999).
	AT	1	Amizuka, N., <i>et al.</i> , "Vitamin D3 Differentially Regulates Parathyroid Hormone/Parathyroid Hormone-Related Peptide Receptor Expression in Bone and Cartilage," <i>J. Clin. Invest.</i> 103:373-381 (February 1999).

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 0609.4880002	APPLICATION NO. 09/653,277	Page 2 of 38
	APPLICANT Chiocca and Chung		
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	2	Andreansky, S.S., <i>et al.</i> , "The Application of Genetically Engineered Herpes Simplex Viruses to the Treatment of Experimental Brain Tumors," <i>Proc. Natl. Acad. Sci. USA</i> 93:11313-11318 (1996).	
AS	2	Arbuthnot, P., <i>et al.</i> , "Hepatoma Cell-Specific Expression of a Retrovirally Transferred Gene is Achieved by Alpha-Fetoprotein but not Insulinlike Growth Factor II Regulatory Sequences," <i>Hepatology</i> 22:1788-1796 (1995).	
AT	2	Bennett, J.D., <i>et al.</i> , "E2F Binding is Required but Not Sufficient for Repression of B-myb Transcription in Quiescent Fibroblasts," <i>Oncogene</i> 13:1073-1082 (1996).	

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0609.4880002APPLICATION NO.  
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PATENT &amp; TRADEMARK OFFICE

## U.S. PATENT DOCUMENTS

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

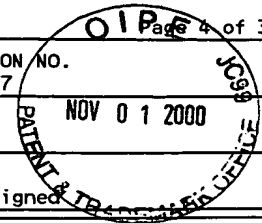
AR	<u>3</u>	Bischoff, J.R., et al., "An Adenovirus Mutant That Replicates Selectively in p53-Deficient Human Tumor Cells," <i>Science</i> 274:373-376 (1996).
AS	<u>3</u>	Boviatsis, E.J., et al., "Long-Term Survival of Rats Harboring Brain Neoplasms Treated with Ganciclovir and a Herpes Simplex Virus Vector that Retains an Intact Thymidine Kinase Gene," <i>Cancer Res.</i> 54:5745-5751 (1994).
AT	<u>3</u>	Boviatsis, E.J., et al., "Antitumor Activity and Reporter Gene Transfer into Rat Brain Neoplasms Inoculated with Herpes Simplex Virus Vectors Defective in Thymidine Kinase or Ribonucleotide Reductase," <i>Gene Ther.</i> 1:323-331 (1994).

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	4	Burns, J.C., <i>et al.</i> , "Vesicular stomatitis virus G glycoprotein pseudotyped retroviral vectors: Concentration to very high titer and efficient gene transfer into mammalian and nonmammalian cells," <i>Proc. Natl. Acad. Sci. USA</i> 90:8033-8037 (1993).
	AS	4	Caruso, M., <i>et al.</i> , "Regression of established macroscopic liver metastases after in situ trasnduction of a suicide gene," <i>Proc. Natl. Acad. Sci. USA</i> 90:7024-7028 (1993).
	AT	4	Chambers, R., <i>et al.</i> , "Comparison of genetically engineered herpes simplex viruses for the treatment of brain tumors in a scid mouse model of human malignant glioma," <i>Proc. Natl. Acad. Sci. USA</i> 92: 1411-1415 (1995).

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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	5	Chase, M., <i>et al.</i> , "An oncolytic viral mutant that delivers the CYP2B1 transgene and augments cyclophosphamide chemotherapy," <i>Nature Biotechnol.</i> 16:444-448 (1998).
AS	5	Chen, S.H., <i>et al.</i> , "Gene Therapy for Brain Tumors: Regression of Experimental Gliomas by Adenovirus-Mediated Gene Transfer In Vivo," <i>Proc. Natl. Acad. Sci. USA</i> 91:3054-3057 (1994).
AT	5	Chen, L., <i>et al.</i> , "Breast Cancer Selective Gene Expression and Therapy Mediated by Recombinant Adenoviruses Containing the DF3/MUC1 Promoter," <i>J. Clin. Invest.</i> 96:2775-2782 (1995).

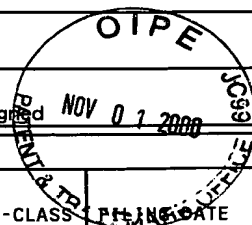
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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>6</u>	Chen, L., and Waxman, D.J., "Intratumoral Activation and Enhanced Chemotherapeutic Effect of Oxazaphosphorines following Cytochrome P-450 Gene Transfer: Development of a Combined Chemotherapy/Cancer Gene Therapy Strategy," <i>Cancer Res.</i> 55:581-589 (1995).
AS	<u>6</u>	Chen, L., et al., "Sensitization of Human Breast Cancer Cells to Cyclophosphamide and Ifosfamide by Transfer of a Liver Cytochrome P450 Gene," <i>Cancer Res.</i> 56:1331-1340 (1996).
AT	<u>6</u>	Chou, J. and Roizman, B., "The $\gamma_1(34.5)$ Gene of Herpes Simplex Virus 1 Precludes Neuroblastoma Cells from Triggering Total Shutoff of Protein Synthesis Characteristic of Programmed Cell Death in Neuronal Cells," <i>Proc. Natl. Acad. Sci. USA</i> 89:3266-3270 (1992).

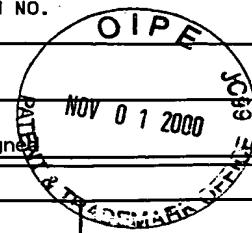
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	Z	Chou, J., <i>et al.</i> , "Association of a M, 90,000 Phosphoprotein with Protein Kinase PKR in Cells Exhibiting Enhanced Phosphorylation of Translation Initiation Factor eIF-2 Alpha and Premature Shutoff of Protein Synthesis After Infection with Gamma 134.5- Mutants of Herpes Simplex Virus 1," <i>Proc. Natl. Acad. Sci. USA</i> 92:10516-10520 (1995).
AS	Z	Chung, R.Y. and Chiocca, E.A., "Gene Therapy for Tumors of the Central Nervous System," <i>Surg. Oncol. Clin. N. Am.</i> 7:589-602 (1998).
AT	Z	Chung, R.Y., <i>et al.</i> , "B-myb Promoter Retargeting of Herpes Simplex Virus $\gamma$ 34.5 Gene-Mediated Virulence Toward Tumor and Cycling Cells," <i>J. Virol.</i> 73:7556-7564 (September 1999).

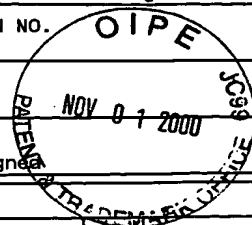
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	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>8</u>	Clary, B.M., et al., "Transcriptional Targeting for Cancer Gene Therapy," <i>Surg. Oncol. Clin. N. Am.</i> 7:565-574 (1998).
AS	<u>8</u>	Coffey, M.C., et al., "Reovirus Therapy of Tumors with Activated Ras Pathway," <i>Science</i> 282:1332-1334 (1998).
AT	<u>8</u>	Coll-Fresno, P.M., et al., "Cytotoxic Activity of a Diphtheria Toxin/FGF6 Mitotoxin on Human Tumour Cell Lines," <i>Oncogene</i> 14:243-247 (1997).

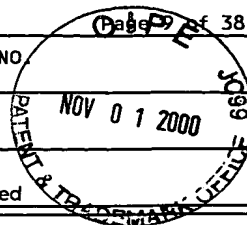
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AR	2	Colombo, M.P., <i>et al.</i> , "Immunotherapy. I: Cytokine Gene Transfer Strategies," <i>Cancer Metastasis Rev.</i> 16:421-432 (1997).
AS	2	Connors, T.A., "The Choice of Prodrugs for Gene Directed Enzyme Prodrug Therapy of Cancer," <i>Gene Ther.</i> 2:702-709 (1995).
AT	2	Culver, K.W., "Clinical applications of gene therapy for cancer," <i>Clin. Chem</i> 40:510-512 (1994).

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>10</u>	Dachs, G.U., et al., "Targeting Gene Therapy to Cancer: A Review," <i>Oncol. Res.</i> 9:313-325 (1997).
AS	<u>10</u>	Dehal, S.S., et al., "CYP2D6 Catalyzes Tamoxifen 4-hydroxylation in Human Liver," <i>Cancer Res.</i> 57:3402-3406 (1997).
AT	<u>10</u>	Deonarain, M.P., et al., "Genetic Delivery of Enzymes for Cancer Therapy," <i>Gene Therapy</i> 2: 235-244 (1995).

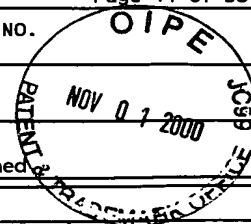
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AR	<u>11</u>	Ezzeddine, Z.D., <i>et al.</i> , "Selective Killing of Glioma Cells in Culture and <i>in Vivo</i> by Retrovirus Transfer of the Herpes Simplex Virus Thymidine Kinase gene," <i>New Biol.</i> 3:608-614 (1991).
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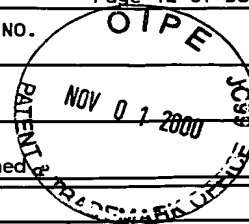
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AT	<u>12</u>	Gage, P.J., <i>et al.</i> , "A Cell-Free Recombination System for Site-Specific Integration of Multigenic Shuttle Plasmids Into the Herpes Simplex Virus Type 1 Genome," <i>J. Virol.</i> 66:5509-5515 (1992).

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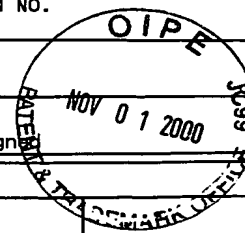
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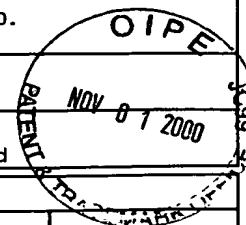
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AR	<u>14</u>	Goeptar, A.R., <i>et al.</i> , "Cytotoxicity of Mitomycin C and Adriamycin in Freshly Isolated Rat Hepatocytes: The Role of Cytochrome P450," <i>Cancer Res.</i> 54:2411-2418 (1994).
AS	<u>14</u>	Goldstein, D.J. and Weller, S.K., "Herpes Simplex Virus Type 1-Induced Ribonucleotide Reductase Activity is Dispensable for Virus Growth and DNA Synthesis: Isolation and Characterization of an ICP6 <i>lacZ</i> Insertion Mutant," <i>J. Virol.</i> 62:196-205 (1988).
AT	<u>14</u>	Goldstein, D.J. and Weller, S.K., "An ICP6:: <i>lacZ</i> Insertional Mutagen is Used to Demonstrate That the UL52 Gene of Herpes Simplex Virus Type 1 is Required for Virus Growth and DNA Synthesis," <i>J. Virol.</i> 62:2970-2977 (1988).

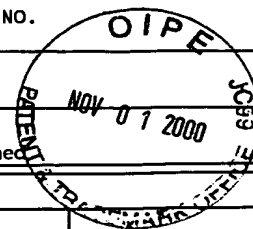
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	AR	<u>15</u>	Guillot, P.V., <i>et al.</i> , "A Vascular Bed-Specific Pathway Regulates Cardiac Expression of Endothelial Nitric Oxide Synthase," <i>J. Clin. Invest.</i> 103:799-805 (March 1999).
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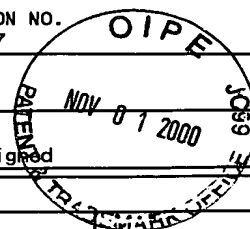
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	AS	<u>16</u>	He, B., et al., "The $\gamma$ 134.5 Protein of Herpes Simplex Virus 1 Has the Structural and Functional Attributes of a Protein Phosphatase 1 Regulatory Subunit and is Present in a High Molecular Weight Complex with the Enzyme in Infected Cells," <i>J. Biol. Chem.</i> 273:20737-20743 (1998).
	AT	<u>16</u>	Hollywood, D, and Hurst, H., "A Novel Transcription Factor, OB2-1, is Required for Overexpression of the Proto-Oncogene c-erbB-2 in Mammary Tumour Lines," <i>EMBO J</i> 12:2369-2375 (1993).

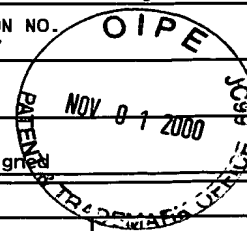
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AR	<u>17</u>	Hunter, W.D., <i>et al.</i> , "Attenuated, Replication-Competent Herpes Simplex Virus Type 1 Mutant G207: Safety Evaluation of Intracerebral Injection in Nonhuman Primates," <i>J. Virol.</i> 73:6319-6326 (August 1999).
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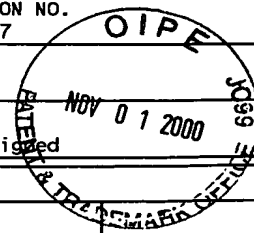
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AS	<u>18</u>	Jérôme, V., and Müller, R., "Tissue-Specific, Cell Cycle-Regulated Chimeric Transcription Factors for the Targeting of Gene Expression to Tumor Cells," <i>Hum. Gene Ther.</i> 9:2653-2659 (1998).
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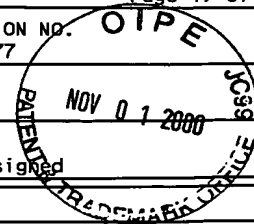
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AS	19	Kesari, S., <i>et al.</i> , "Therapy of Experimental Human Brain Tumors Using a Neuroattenuated Herpes Simplex Virus Mutant," <i>Lab. Invest.</i> 73:636-648 (1995).
AT	19	Kooby, D.A., <i>et al.</i> , "Oncolytic Viral Therapy for Human Colorectal Cancer and Liver Metastases Using a Multi-Mutated Herpes Simplex Virus Type-1 (G207)," <i>FASEB J.</i> 13:1325-1334 (August 1999).

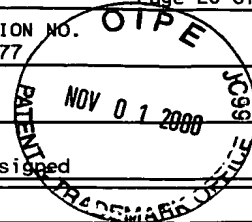
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	AR	<u>20</u>	Kramm, C.M., <i>et al.</i> , "Therapeutic Efficiency and Safety of a Second-Generation Replication-Conditional HSV1 Vector for Brain Tumor Gene Therapy," <i>Hum. Gene Ther.</i> 8:2057-2068 (1997).
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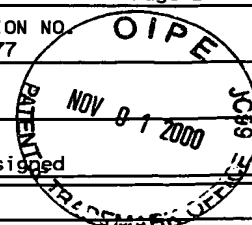
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AT	<u>21</u>	Lukas, J., <i>et al.</i> , "Deregulated Expression of E2F Family Members Induces S-phase Entry and Overcomes p16INK4A-Mediated Growth Suppression," <i>Mol. Cell. Biol.</i> 16:1047-1057 (1996).

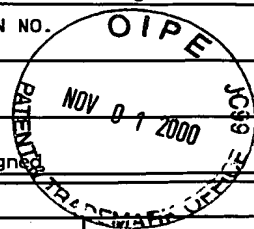
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	AT	<u>22</u>	Manome, Y., et al., "Gene therapy for malignant gliomas using replication incompetent retroviral and adenoviral vectors encoding the cytochrome P450 2B1 gene together with cyclophosphamide," <i>Gene Therapy</i> 3:513-520 (1996).

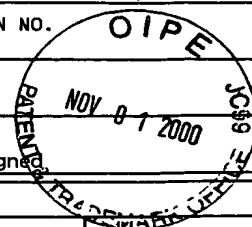
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AS	<u>23</u>	Martuza, R.L., <i>et al.</i> , "Experimental Therapy of Human Glioma by Means of a Genetically Engineered Virus Mutant," <i>Science</i> 252:854-856 (1991).
AT	<u>23</u>	Martuza, R.L., "Conditionally Replicating Herpes Vectors For Cancer Therapy," <i>J. Clin. Invest.</i> 105:841-846 (April 2000).

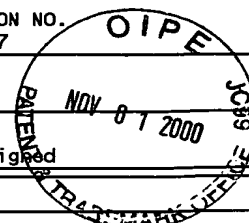
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AR	<u>24</u>	Massie, B., et al., "Inducible Overexpression of a Toxic Protein by an Adenovirus Vector with a Tetracycline-Regulatable Expression Cassette," <i>J. Virol.</i> 72:2289-2296 (1998).
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AT	<u>24</u>	Miller, N., and Vile, R., "Targeted vectors for gene therapy," <i>FASEB J.</i> 9:190-199 (1995).

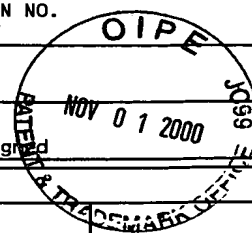
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AR	<u>25</u>	Miller, N. and Whelan, J., "Progress in Transcriptionally Targeted and Regulatable Vectors for Genetic Therapy," <i>Hum. Gene Ther.</i> 8:803-815 (1997).
AS	<u>25</u>	Mineta, T., et al., "Treatment of Malignant Gliomas Using Ganciclovir-Hypersensitive, Ribonucleotide Reductase-Deficient Herpes Simplex Viral Mutant," <i>Cancer Res.</i> 54:3963-3966 (1994).
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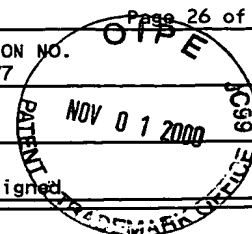
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AR	<u>26</u>	Miyatake, S., <i>et al.</i> , "Transcriptional Targeting of Herpes Simplex Virus for Cell-Specific Replication," <i>J. Virol.</i> 71:5124-5132 (1997).
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AT	<u>26</u>	Moolten, F.L. and Wells, J.M., "Curability of Tumors Bearing Herpes Thymidine Kinase Genes Transferred by Retroviral Vectors," <i>J. Natl. Cancer Inst.</i> 82:297-300 (1990).

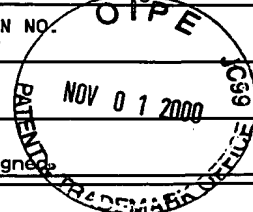
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AR	<u>27</u>	Moolten, F.L., "Drug sensitivity ("suicide") genes for selective cancer chemotherapy," <i>Cancer Gene Ther.</i> 1:279-287 (1994).
AS	<u>27</u>	Mullen, C.A., et al., "Tumors Expressing the Cytosine Deaminase Suicide Gene Can Be Eliminated in Vivo with 5-Fluorocytosine and induce protective immunity to Wild Type Tumor," <i>Cancer Res.</i> 54:1503-1506 (1994).
AT	<u>27</u>	Nagayama, Y., et al., "Enhanced Efficacy of Transcriptionally Targeted Suicide Gene/Prodrug Therapy for Thyroid Carcinoma with the Cre-loxP System," <i>Cancer Res.</i> 59:3049-3052 (July 1999).

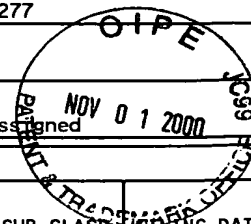
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	AS	<u>28</u>	Nilaver, G., et al., "Delivery of Herpesvirus and Adenovirus to Nude Rat Intracerebral Tumors After Osmotic Blood-Brain Barrier Disruption," <i>Proc. Natl. Acad. Sci. USA</i> 92: 9829-9833 (1995).
	AT	<u>28</u>	O'Malley, B.W., Jr., et al., "Combination Gene Therapy for Oral Cancer in a Murine Model," <i>Cancer Res.</i> 56:1737-1741 (1996).

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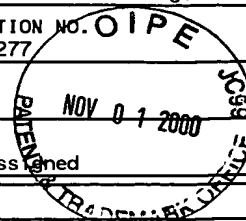
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AR	<u>29</u>	Oldfield, E., <i>et al.</i> , "Gene Therapy for the Treatment of Brain Tumors Using Intra-Tumoral Transduction with the Thymidine Kinase Gene and Intravenous Ganciclovir," <i>Hum. Gene Ther.</i> 4:39-69 (1993).
AS	<u>29</u>	Osaki, T., <i>et al.</i> , "Gene Therapy for Carcinoembryonic Antigen-Producing Human Lung Cancer Cells by Cell Type-Specific Expression of Herpes Simplex Virus Thymidine Kinase Gene," <i>Cancer Res.</i> 54:5258-5261 (1994).
AT	<u>29</u>	Perng, G.-C., <i>et al.</i> , "An Avirulent ICP34.5 Deletion Mutant of Herpes Simplex Virus Type 1 Is Capable of In Vivo Spontaneous Reactivation," <i>J. Virol.</i> 69:3033-3041 (1995).

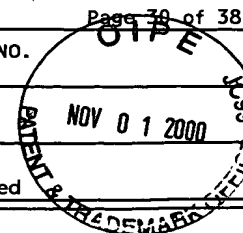
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	AR	<u>30</u>	Pyles, R.B. and Thompson, R.I., "Evidence That the Herpes Simplex Virus Type 1 Uracil DNA Glycosylase is Required for Efficient Viral Replication and Latency in the Murine Nervous System," <i>J. Virol.</i> 68:4963-4972 (1994).
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	AT	<u>30</u>	Rainov, N.G., et al., "Retrovirus-Mediated Gene Therapy of Experimental Brain Neoplasms Using the Herpes Simplex Virus-Thymidine Kinase/Ganciclovir Paradigm," <i>Cancer Gene Therapy</i> 3:99-106 (1996).

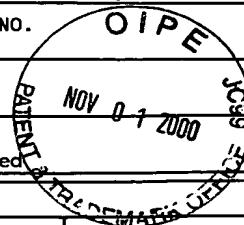
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AR	<u>31</u>	Rainov, N.G., <i>et al.</i> , "New Prodrug Activation Gene Therapy for Cancer Using Cytochrome P450 4B1 and 2-aminoanthracene/4-ipomeanol," <i>Hum. Gene Ther.</i> 9:1261-1273 (1998).
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AT	<u>31</u>	Ray, M.K., <i>et al.</i> , "β Cell-Specific Ablation of Target Gene Using Cre-loxP System in Transgenic Mice," <i>J. Surg. Res.</i> 84:199-203 (June 1999).

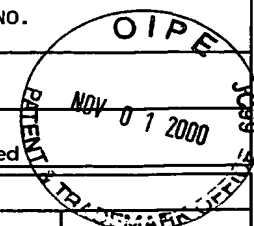
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	AT	<u>32</u>	Rosenberg, S.A., <i>et al.</i> , "Human Gene Marker/Therapy Clinical Protocols," <i>Hum. Gene Ther.</i> 11:919-979 (April 2000).

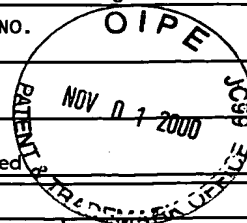
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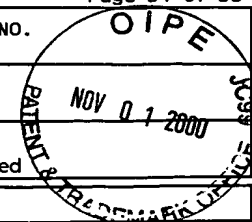
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AS	<u>34</u>	Spear, M.A., "Gene Therapy of Gliomas: Receptor and transcriptional Targeting," <i>Anticancer Research</i> 18:3223-3232(1998).
AT	<u>34</u>	Toda, M., et al., "In Situ Cancer Vaccination: An IL-12 Defective Vector/Replication-Competent Herpes Simplex Virus Combination/Induces Local and Systemic Antitumor Activity," <i>J. Immunol.</i> 160:4457-4464 (1998).

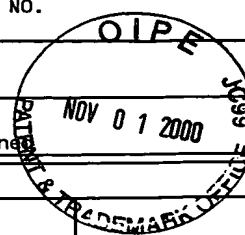
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AS	<u>35</u>	Ueki, K., et al., "CDKN2/p16 or RB Alterations Occur in the Majority of Glioblastomas and Are Inversely Correlated," <i>Cancer Res.</i> 56:150-153 (1996).
AT	<u>35</u>	Vile, R.G. and Hart, I.R., "In Vitro and in Vivo Targeting of Gene Expression to Melanoma Cells," <i>Cancer Res.</i> 53:962-967 (1993).

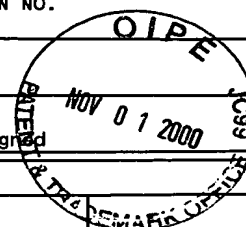
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>36</u>	Vile, R.G., "Tumor-specific gene expression," <i>Semin. Cancer Biol.</i> 5:429-436 (1994).
AS	<u>36</u>	Walther, W., and Stein, U., "Targeted Vectors for Gene Therapy of Cancer and Retroviral Infections," <i>Mol. Biotechnol.</i> 6:267-286 (1996).
AT	<u>36</u>	Walther, W. and Stein, U., "Cell type specific and inducible promoters for vectors in gene therapy as an approach for cell targeting," <i>J. Mol. Med.</i> 74:379-392 (1996).

EXAMINER

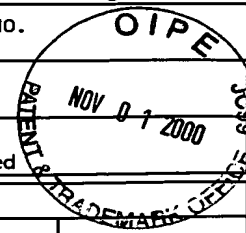
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FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0609.4880002APPLICATION NO.  
09/653,277APPLICANT  
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August 31, 2000GROUP  
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>37</u>	Wei, M.X., <i>et al.</i> , "Experimental Tumor Therapy in mice Using the Cyclophosphamide-Activating Cytochrome P450 2B1 Gene," <i>Hum. Gene Ther.</i> 5:969-978 (1994).
AS	<u>37</u>	Yang, C., <i>et al.</i> , "Paired-Like Homeodomain Proteins, Phox2a and Phox2b, are Responsible for Noradrenergic Cell-Specific Transcription of the Dopamine $\beta$ -hydroxylase Gene," <i>J. Neurochem.</i> 71: 1813-1826 (1998).
AT	<u>37</u>	Nakamura, H., <i>et al.</i> , "Oncolysis of Colon Carcinoma Liver Metastasis in Genetically Engineered HSV-1 Vector MTB34.5," <i>Proc. Am. Assoc. Cancer Res. Ann. Meet.</i> 41:466 Abstract No. 2970 (March 2000).

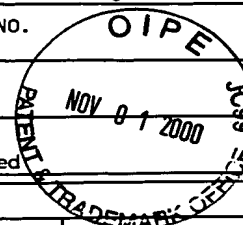
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>38</u>	Yoon, S.S. and Tanabe, K.K., "Surgical Treatment and Other Regional Treatments for Colorectal Cancer Liver Metastases," <i>Oncologist</i> . 4:197-208 (1999).
AS	<u>38</u>	Yoon, S.S., et al., "An Oncolytic Herpes Simplex Virus Type 1 Selectively Destroys Diffuse Liver Metastases from Colon Carcinoma," <i>FASEB J.</i> 14:301-311 (February 2000).
AT	<u>38</u>	Munaut, C., et al., "Murine Matrix Metalloproteinase 9 Gene," <i>J. Biol. Chem.</i> 274:5588-5596 (1999).

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